

Application No. 10/765,416
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TC Art Unit: 3742
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AMENDMENTS TO THE SPECIFICATION

Please replace the Abstract with the following amendment:

The An active cooling panel comprises includes a first part and a second part of thermostructural composite material, each part having an inside face and an opposite outside face, ~~the first and second parts being~~ are assembled together by bonding their respective inside faces together, ~~and e~~ Channels being are formed by indentations formed in the inside face of at least one of the first and second parts. The active cooling panel further includes a sealing layer bonded to at least one of the first and second parts and situated at a distance from the assembled-together inside faces thereof. ~~The invention is applicable Such active cooling panels can be used to making~~ heat exchanger walls, such as the walls ~~for~~ of a the combustion chambers of an aircraft engines, or the diverging portions of a rocket engines, or portions of a plasma confinement chambers in a nuclear fusion reactors.